AirMagnet Survey Product Comparison

Features	Basic Features in Express and PRO	What More Can You Do in PRO?
Survey/WLAN Modeling Capabilities	• Indoor site surveys on the 2.4 GHz, 5 GHz, & 6 GHz bands • 11a/b/g/n/ac/ax support	• Simultaneous surveying capability (2 surveys at the same time) • Outdoor, GPS surveys • Surveying of 200+ non-standard channels • Built-in Planner for WLAN modeling
Survey Data capture and Basic Analysis capability	• Signal strength coverage heat map • Noise coverage heat map • SNR coverage heat map • Channel interference heat map • PHY Data rates heat map • Packet retry heat map • Packet loss heat map • Visualize coverage heat map for secondary & tertiary APs	• WLAN throughput heat map • iPerf Surveys showing real-world uplink & downlink performance • Display of 11ac & 11ax operating modes, MCS, 20/40/80/160 MHz bandwidth • Channel width coverage maps (20/40/80/160 MHz) for development of optimal channel allocation planning • 802.11ac/ax channel overlap
Advanced Survey Analysis	• Diff view to compare two different surveys • Open single survey project at a time	• Multi-view options • Open & view multiple surveys simultaneously • Multi-floor surveys • Voice over WLAN surveys • Compare multiple views & plots of a single survey • Network readiness assessment
User-customizable Design/ Application requirements	• Requires integration with AirMagnet Survey PRO	• Automated network verification & validation • Voice-Readiness validation • Location-Readiness validation • Pass/Fail assessment for design & application requirements • Expert recommendations and advice
Summary & Reporting	• Overall WLAN coverage report • Multi-language support for reports	• Overall coverage and performance reports • Per AP/channel/SSID coverage & performance reports • WLAN planning report • Channel/AP interference reports • AirWISE (system requirements) report • VoWLAN report • Spectrum analysis report • Create & share customized reporting templates
RF and Spectrum Analysis	• Detect and plot noise & co-channel interference	• Integration with AirMagnet Spectrum XT • Identify areas where spectrum interferers were detected

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